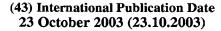
(19) World Intellectual Property Organization

International Bureau







PCT

(10) International Publication Number WO 2003/086249 A3

(51) International Patent Classification⁷: A61F 5/44, 5/445

(21) International Application Number:

PCT/DK2003/000253

(22) International Filing Date: 14 April 2003 (14.04.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: PA 2002 00568

17 April 2002 (17.04.2002) DK

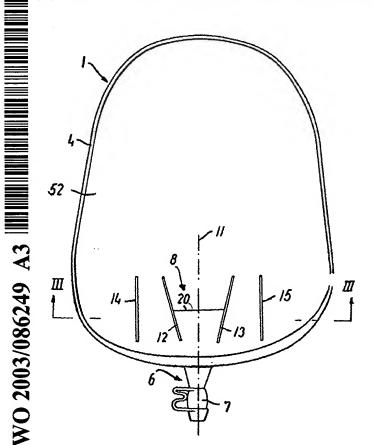
(71) Applicant (for all designated States except US): COLO-PLAST A/S [DK/DK]; Holtedam 1, DK-3050 Humblebæk (DK).

- (72) Inventor; and
- (75) Inventor/Applicant (for US only): LILLEGAARD, Jens [DK/DK]; Bakkediget 1, DK-2970 Hørsholm (DK).

- (74) Agents: CARLSSON, Eva et al.; Internationalt Patent-Bureau_A/S, Høje Taastrup Boulevard 23, DK-2630 Taastrup (DK).
- (81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,

[Continued on next page]

(54) Title: COLLECTING BAG HAVING AN ACCOMMODATING MEANS FOR A CLOSURE DEVICE



(57) Abstract: The collecting bag comprises a bag member (1) and a discharge portion (6) including a closure device (7). An accommodating means (8) is provided within the outer contours of the bag member for accommodating at least a part of the discharge portion in the position of use of the bag. The accommodating means includes a slit (20) in the comfort layer (52) overlying the front film blank (2), such that a part of the discharge portion may be lodged in the space between joint sections that connect inner tubular film elements with the film blanks of the bag member.

SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,

GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report: 7 October 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Iní	ione	elemplication No		
PCT	/DK	/00253		

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61F5/44 A61F5/445

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 93/17643 A (COLOPLAST AS) 16 September 1993 (1993-09-16) cited in the application abstract; figures	1
A	DE 34 43 918 A (BEIERSDORF AG) 12 June 1986 (1986-06-12) figures	1
Α	EP 0 711 536 A (CAWOOD CHARLES DAVID) 15 May 1996 (1996-05-15) abstract	1
Α	US 4 084 590 A (CARAWAY WILLIAM RUSSELL ET AL) 18 April 1978 (1978-04-18)	
Α .	US 3 926 233 A (BRENDLING LENNART) 16 December 1975 (1975-12-16)	
	-/- -	

X Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance E* earlier document but published on or after the international filing date L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O* document referring to an oral disclosure, use, exhibition or other means P* document published prior to the international filing date but later than the priority date claimed	 "T" later document published after the international filing date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
18 August 2004	31/08/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Authorized officer Sánchez y Sánchez, J

INTERNATIONAL EARCH REPORT

PCT/DR /00253

		PC1/DR 700253
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 721 243 A (GRETH L ET AL) 20 March 1973 (1973-03-20)	
A	WO 91/00074 A (NILSSON LEIF) 10 January 1991 (1991-01-10)	
A	DE 19 97 801 U (KLEMM) 4 September 1968 (1968-09-04)	
ı		
ı		
ļ		
ļ		
	•	
		·
	•	

INTERNATIONAL SEARCH REPORT

Informa patent family members

Inte tional application No
PCT/DK /00253

Patent document cited in search report	}	Publication date		Patent family member(s)	Publication date
WO 9317643		16-09-1993	DK	28992 A	05-09-1993
			AT	153847 T	15-06-1997
			ΑU	665248 B2	21-12-1995
			AU	3744593 A	05-10-1993
•			DE	69311316 D1	10-07-1997
			DE	69311316 T2	23-10-1997
			MO	9317643 A1	16-09-1993
			DK	630219 T3	07-07-1997
			EP	0630219 A1	28-12-1994
			JP	7504341 T	18-05-1995
DE 3443918	Α	12-06-1986	DE	3443918 A1	12-06-1986
EP 0711536	A	15-05-1996	JP	8131470 A	28-05-1996
			CA	2162619 A1	15-05-1996
			EP	0711536 A1	15-05-1996
US 4084590	Α	18-04-1978	ΑU	1680076 A	23-02-1978
•			CA	1062115 A1	11-09-1979
			CA	1066580 A2	20-11-1979
			GB GB	1536301 A	20-12-1978
			NL.	1536302 A 7608828 A ,B,	20-12-1978 17-02-1977
			IVL 	/UUOOZO A ,B,	1/-02-19//
US 3926233	Α	16-12-1975	SE	386365 B	09-08-1976
			CA	1038252 A1	12-09-1978
			DE	2435945 A1	13-02-1975
			DK	399974 A ,B,	03-03-1975
			FR	2238468 A1	21-02-1975
			GB	1471353 A	27-04-1977
			JP	884397 C	30-09-1977
			JP	50033692 A	31-03-1975
			JP	52012517 B	07-04-1977
			SE	7310331 A	27-01-1975
US 3721243	Α	20-03-1973	NONE		
WO 9100074	Α	10-01-1991	SE	465999 B	02-12-1991
			AT	102814 T	15-04-1994
			AU	5939590 A	17-01-1991
			BR	9007479 A	16-06-1992
			CA	2063257 A1	29-12-1990
			DE	69007483 D1	21-04-1994
			DE	69007483 T2	23-06-1994
			DK	479935 T3	30-05-1994
			EP	0479935 A1	15-04-1992
			ES	2049993 T3	01-05-1994
			JP JP	2947610 B2	13-09-1999 12-11-1992
				4506468 T 157987 B1	15-12-1998
			KR SE	15/98/ B1 8902333 A	15-12-1998 29-12-1990
			MO 2E	9100074 A1	10-01-1991
			SE	9100074 AT 9002267 A	29-12-1990
			SE	9002267 A 9002268 A	29-12-1990
DE 1997801			NONE		
DE IMM/XIII	U		MUM H		